

# ISPConfig nginx Logfiles an Graylog-Server schicken

Diese Konfiguration schickt nginx Access- und Errorlogs über GELF an einen Graylog-Server. Der GELF-Input im Graylog sollte natürlich aktiviert sein. Das Pattern-Matching funktioniert leider noch nicht exakt.

/etc/logstash/patterns.d/nginx-access.conf

```
NGINX_WEBSITE /[^\s]+/[^\s]+/[^\s]+/[^\s]+/(?<website>[^\s]+)/
```

/etc/logstash/patterns.d/nginx-error.conf

```
HTTPERRORDATE %{DAY} %{MONTH} %{MONTHDAY} %{TIME} %{YEAR}
NGINXERRORLOG \[%{HTTPERRORDATE:timestamp}\] \[%{WORD:severity}\] \[client %{IPORHOST:clientip}\]
```

/etc/logstash/conf.d/nginx.conf

```
# nginx log input
input {
  file {
    type => "nginx-access"
    path => ["/var/log/ispconfig/httpd/*/access.log"]
  }
  file {
    type => "nginx-error"
    path => ["/var/log/ispconfig/httpd/*/error.log"]
  }
}

# filters
filter {
  if [type] == "nginx-access" {
    grok {
      match => { "message" => "%{COMBINEDAPACHELOG}" }
    }
    grok {
      patterns_dir => [ "/etc/logstash/patterns.d" ]
      match => [ "path", "%{NGINX_WEBSITE}" ]
    }
  }

  if [type] == "nginx-error" {
    grok {
      match => { "message" => "%{NGINXERRORLOG}" }
      patterns_dir => [ "/etc/logstash/patterns.d" ]
    }

    if !("_grokparsefailure" in [tags]) {
      mutate {
        remove_field => [ "message" ]
        add_field => [ "timestamp_submitted", "%{@timestamp}" ]
      }

      date {
        match => [ "timestamp", "EEE MMM dd HH:mm:ss yyyy" ]
        remove_field => [ "timestamp" ]
      }

      geoip {
        source => "clientip"
      }
    }
  }
}
```

```
# output
output {
  #stdout {
    # #codec => "plain"
    # codec => "rubydebug"
  }
  gelf {
    host => "log.myserver.de"
    port => 12201
  }
}
```

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